

## 57013 to 57034—Continued.

57024. *HORDEUM VULGARE COELESTE* L.  
Six-rowed barley.  
No. 22.

57025 and 57026. *HORDEUM VULGARE HORSFORDIANUM* Wittmack. Six-rowed barley.  
57025. No. 3. 57026. No. 5.

57027 and 57028. *HORDEUM VULGARE NIGRUM* (Willd.) Beaven. Six-rowed barley.  
57027. No. 12. 57028. No. 17.

57029 to 57034. *HORDEUM VULGARE PALLIDUM* Seringe. Six-rowed barley.  
57029. No. 2. 57032. No. 18.  
57030. No. 11. 57033. No. 20.  
57031. No. 15. 57034. No. 21.

57035. *TRIFOLIUM PHYSODES* Stev.  
Fabaceæ. Clover.

From Kew, England. Seeds presented by Dr. A. H. Hill, director, Royal Botanic Gardens. Received May 7, 1923.

A perennial prostrate clover with oval leaflets and roundish heads of pink flowers which open in July and August. Native to southeastern Europe. In the flowering stage this species resembles white clover, but it does not creep. (Adapted from *Ascheron und Graebner, Synopsis der Mitteleuropäischen Flora*, vol. 6, pt. 2, p. 525.)

For previous introduction, see S. P. I. No. 56675.

57036. *TRIFOLIUM PRATENSE* L. Fabaceæ. Red clover.

From Copenhagen, Denmark. Seeds presented by H. N. Knudsen, Danish Royal Agricultural Society. Received May 7, 1923.

*Tystofte No. 40* originated in a 2-year plot of Rozen-daal clover. Seed of this variety was sown in 1900, and the clover was thus subjected to the hard winter of 1901. In 1902 the strongest plants from this test were selected, one of which was No. 40. Later this strain was compared with others in several tests. In three of four tests all the clovers made vigorous growth during the first year, and in this respect No. 40 averaged well above the others. In all four tests No. 40 gave the largest crop, fully 20 per cent better than that of the next best. These results agree well with the results of earlier tests at Lyngby and Tystofte, in which this strain decidedly surpassed all others. (Adapted from *Beretning fra Statens Forsøgsvirksomhed i Plantekultur*, No. 95, p. 401.)

For previous introduction, see S. P. I. No. 54739.

57037 to 57041. *ORYZA SATIVA* L. Poaceæ. Rice.

From the island of Guam. Seeds presented by J. Guerrero, assistant in horticulture, Guam Agricultural Experiment Station. Received May 7, 1923.

Varieties of seed rice introduced for department specialists engaged in rice breeding.

57037. *Guam*.  
57038. *Guam Experiment Station Selection*.  
57039. *Inantipolo II*.  
57040. *Mangasa*.  
57041. *Mayoro II*.

## 57042 to 57074.

From Algeria. Seeds collected by Dr. H. V. Harlan, Bureau of Plant Industry. Received May 9, 1923. Quoted notes by Doctor Harlan.

Introduced for department cerealists.

57042. *AVENA LUDOVICIANA* Durieu. Poaceæ. Oats.

"(No. 52. Biskra. April 8, 1923.) Wild oats collected in barley fields. No oats are cultivated near Biskra."

57043. *AVENA STERILIS* L. Poaceæ. Oats.

"(No. 60. Algiers. April 21, 1923.) The only sample of oats seen in the native market. It appears to be screenings from other grain."

57044 and 57045. *HOLCUS SORGHUM* L. (*Sorghum vulgare* Pers.) Poaceæ.

Sorghum.

57044. "(No. 57. Algiers. April 21, 1923.) Purchased in the native market."

57045. "(No. 62. Algiers. April 21, 1923.) A poor sample collected in the native market."

57046 to 57065. *HORDEUM* spp. Poaceæ. Six-rowed barley.

57046. *HORDEUM VULGARE NIGRUM* (Willd.) Beaven.

"(No. 53. Biskra. April, 1923.) A black barley from Biskra. The Arabs tell me that before the big famine of 20 years ago when seed was imported black barley was often grown. The few seeds under this number were found by picking over many samples in the market. They may be from widely separated points."

57047 to 57065. *HORDEUM VULGARE PALLIDUM* Seringe.

57047. "(No. 30. Tuggurt. April 3, 1923.) Purchased in the market. Probably grown on this or a nearby oasis."

57048. "(No. 33. Tuggurt. April 5, 1923.) Barley from the Oasis of Tuggurt, purchased in the market."

57049. "(No. 35. Tuggurt. April 5, 1923.) Barley from the Oasis of Tuggurt, purchased in the market."

57050. "(No. 36. Biskra. March 31, 1923.) The barley was grown under irrigation. The spikes collected represented variation present in the field. Few spikes were taken, as they were not fully ripe and a larger sample might be damaged by heating."

57051. "(No. 37. El Outaia. April 1, 1923.) Conditions similar to No. 36 [S. P. I. No. 57050] and similar selections made."

57052. "(No. 38. Temaciu. April 5, 1923.) The barley at Temaciu was grown beneath the date palms of the oasis. This may be a winter variety or at least one related to those of Lower Egypt."

For an illustration of this barley, see Plate II, Figure 1.